

Motoman PX800



The high-speed Motoman PX800 robot offers minimal footprint and superior performance in coating applications. The compact, space-saving design of the PX800 robot makes it easy to mount on the floor, wall or ceiling. Its full six-axis capability ensures proper gun angles for painting small parts. It is ideal for coating small electronic or appliance parts, as well as automotive components.

The PX800 has a FM rating of Class 1, Div 1 (explosion-proof) and offers advanced application-specific coating software. The PX800 can use either the DX100 or XRC controller. Two types of programming pendants are available. The standard model for use in non-explosive painting environments and the other is for intrinsically-safe version for use in hazardous conditions.

For more information about the Motoman PX800,
contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... 6
Payload:..... 3 kg
H-Reach:..... 798 mm
Repeatability: ±0.03 mm
Robot Mass: 42 kg
Structure: Articulated
Mounting: Floor, Inverted, Angle

Robot Motion Speed

S-Axis.....150 °/s (2.62 rad/s)
L-Axis.....120 °/s (2.09 rad/s)
U-Axis.....195 °/s (3.4 rad/s)
R-Axis.....300 °/s (5.24 rad/s)
B-Axis.....300 °/s (5.24 rad/s)
T-Axis.....420 °/s (7.33 rad/s)

Robot Motion Range

S-Axis.....±170°
L-Axis.....+150° - 45°
U-Axis.....+190° - 70°
R-Axis.....±165°
B-Axis.....±135°
T-Axis.....±350°

Robot Controllers

DX100 >
XRC >

Robot Applications

Bonding / Sealing > Painting Automation >
Coating >